

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 or Fax (571) 273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All future correspondence, including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected by a notice directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

23494 7590 08/29/2005

TEXAS INSTRUMENTS INCORPORATED
 P O BOX 655474, M/S 3999
 DALLAS, TX 75265

10/03/2005 TBESHAH2 00000016 200668 10795914

01 FC:1501 1400.00 DA
 02 FC:1504 300.00 DA

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

Robin E. Barnum (Depositor's name)
 (Signature)
 September 30, 2005 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/795,914	03/08/2004	Jaehoon Heo	TI-36083	1813

TITLE OF INVENTION: METHOD AND APPARATUS FOR EFFICIENT CONVERSION OF SIGNALS USING LOOK-UP TABLE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	11/29/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
JEAN PIERRE, PEGUY	2819	341-106000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47, Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Robert D. Marshall, Jr.

2 W. James Brady, III

3 Frederick J. Telecky, Jr.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Texas Instruments Incorporated

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Dallas, TX USA

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
☒ Publication Fee (No small entity discount permitted)
☐ Advance Order - # of Copies _____

4b. Payment of Fee(s):

- ☐ A check in the amount of the fee(s) is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 20-0668 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.
 NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature Robert D. Marshall, Jr.Date September 30, 2005Typed or printed name Robert D. Marshall, Jr.Registration No. 28,527

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

To: Technology Center: **ISSUE FEES** Total Pages Sent: 2
 Facsimile Number: **571-273-0419** *2885*



From: Robert D. Marshall, Jr.
 Texas Instruments Incorporated
 Facsimile: 972-917-4418
 Phone: 972-917-5290

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

TI-36083

Art Unit: 2819

Serial No.: 10/795,914

Examiner: Jean Pierre Peguy

Filed: March 8, 2004

Conf. No.: 1813

For: Method and Apparatus for Efficient Conversion of Signals Using Look-Up Table

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the following papers are being transmitted by facsimile to the U.S. Patent and Trademark Office at 571-273-0419 on the date shown below:

Robin E. Bamum
 Robin E. Bamum

2885
 September 30, 2005
 Date

FACSIMILE COVER SHEET

<input checked="" type="checkbox"/> FACSIMILE COVER SHEET	<input type="checkbox"/> AMENDMENT <input checked="" type="checkbox"/> (# Pages)																												
<input type="checkbox"/> NEW APPLICATION	<input type="checkbox"/> EOT (# Pages)																												
<input type="checkbox"/> DECLARATION (# Pages)	<input type="checkbox"/> NOTICE OF APPEAL (# Pages)																												
<input type="checkbox"/> ASSIGNMENT (# Pages)	<input type="checkbox"/> APPEAL (# Pages)																												
<input type="checkbox"/> FORMAL DRAWINGS	<input checked="" type="checkbox"/> ISSUE FEE (1 Page)																												
<input type="checkbox"/> INFORMAL DRAWINGS	<input type="checkbox"/> REPLY BRIEF (IN TRIPLICATE) (# Pages)																												
<input type="checkbox"/> CONTINUATION APPN (# Pages)																													
<input type="checkbox"/> DIVISIONAL APPN																													
<table border="1"> <tr> <td colspan="2">NAME OF INVENTOR(S):</td> <td colspan="2">RECEIPT DATE & SERIAL NO.:</td> </tr> <tr> <td colspan="2">TITLE OF INVENTION: Method and Apparatus for Efficient Conversion of Signals Using Look-Up Table</td> <td colspan="2">Serial No.: 10/795,914</td> </tr> <tr> <td colspan="2">TI FILE NO.: TI-36083</td> <td colspan="2">Filing Date: March 8, 2004</td> </tr> <tr> <td colspan="2">DEPOSIT ACCT. NO.: 20-0668</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">FAXED: 9/30/05</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">DUE: 11/29/05</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">ATTY/SECY: RDM/reb</td> <td colspan="2"></td> </tr> </table>		NAME OF INVENTOR(S):		RECEIPT DATE & SERIAL NO.:		TITLE OF INVENTION: Method and Apparatus for Efficient Conversion of Signals Using Look-Up Table		Serial No.: 10/795,914		TI FILE NO.: TI-36083		Filing Date: March 8, 2004		DEPOSIT ACCT. NO.: 20-0668				FAXED: 9/30/05				DUE: 11/29/05				ATTY/SECY: RDM/reb			
NAME OF INVENTOR(S):		RECEIPT DATE & SERIAL NO.:																											
TITLE OF INVENTION: Method and Apparatus for Efficient Conversion of Signals Using Look-Up Table		Serial No.: 10/795,914																											
TI FILE NO.: TI-36083		Filing Date: March 8, 2004																											
DEPOSIT ACCT. NO.: 20-0668																													
FAXED: 9/30/05																													
DUE: 11/29/05																													
ATTY/SECY: RDM/reb																													

This facsimile is intended only for the use of the address named and contains legally privileged and/or confidential information. If you are not the intended recipient of this telecopy, you are hereby notified that any dissemination, distribution, copying or use of this communication is strictly prohibited. Applicable privileges are not waived by virtue of the document having been transmitted by Facsimile. Any misdirected facsimiles should be returned to the sender by mail at the address indicated on this cover sheet.

Texas Instruments Incorporated
 PO Box 655474, M/S 3999
 Dallas, TX 75265